de maximis, inc.

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November 4, 1991

VIA FACSIMILE

Mr. Cesar Lee, P.E. United States Environmental Protection Agency Region III (3HW21) 841 Chestnut Building Philadelphia, PA 19107

Reference: Novak Sanitary Landfill Site Lehigh County, Pennsylvania

Dear Mr. Lee:

This confirms previous notification of the USEPA that the supervisory personnel with Geraghty & Miller have been changed from those identified in April 1989. Mr. Joseph Keller, P.E. will replace Mr. Anthony Rana as the Project Manager. Joseph Keller has been active in this project since mid-1990 as the Task Manager for the feasibility study. Anthony Rana will remain available to the project as an employee of the Piedmont Group, an environmental consulting company recently formed by Vincent Uhl.

If you have any questions concerning the enclosed or any other aspect of the referenced project, please do not hesitate to contact me.

Sincerely, de maximis, inc.

Mark A. Travers

Senior Project Manager

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JOSEPH A. KELLER

Project Engineer, Civil

CREDENTIALS/REGISTRATION

Bachelor of Civil Engineering, Lehigh University, 1985 Masters of Civil Engineering, New Jersey Institute of Technology, 1989 Licensed Professional Engineer, State of New Jersey (License No. GE 35733)

PROFESSIONAL AFFILIATIONS

American Water Works Association

American Water Resources Association

FIELDS OF SPECIALIZATION

- RCRA Cap Construction
- Potable Water Supply and Distribution
- Hydraulic Analysis

EXPERIENCE SUMMARY

Since joining the firm in 1990, Mr. Keller has worked on an array of projects including RCRA cap installations, above-ground and underground storage tank installations, CERCLA compliant Feasibility Studies, and civil works design/construct projects. His responsibilities include feasibility study preparation, detailed design, construction management, and project management.

Prior to joining Geraghty & Miller, Inc., Mr. Keller was a member of the Water Supply Design Group with an environmental consulting firm in northern New Jersey. Mr. Keller was directly involved with the field survey, design, contract document preparation, inspection and construction management of several water supply projects including distribution and transmission main installation and supply works rehabilitation.

KEY PROJECTS

- Project Engineer for waste area reconstruction project which extended a steel framed roofing system over a roll-off storage area. The project included design of a structural steel framing system with corrugated metal roofing and siding, design of a drainage system and sump to collect liquids released from roll-offs, and structural concrete design work.
- Project Engineer for CERCLA Feasibility Study which is being conducted in accordance with the USEPA's Guidance for Conducting RI/FS's for CERCLA Municipal Landfill Sites. The FS addresses ground-water contamination in a fractured bedrock environment, off-site landfill gas migration, landfill capping, and leachate collection and treatment.
- Project Engineer for CERCLA Feasibility Study for site affected by TCE plume in bedrock aquifer. Project includes technical critique of Focused Feasibility Study prepared by U.S. Environmental Protection Agency (Region III) addressing alternate water supplies for the community, which satisfies its water demands, largely with





residential wells. The traditional CERCLA Feasibility Study addresses the bedrock contamination and the potential source area.

- Staff Engineer for CERCLA Feasibility Study at a 245-acre aluminum reduction facility. The Feasibility Study addressed six operable units including ground water, process waste disposal areas, a construction materials scrap dump and sediments in and along the Ohio River.
- Project Engineer for RCRA closure of sludge lagoon which received wastewater from an electroplating operation. The project included excavation and disposal of hazardous waste soils and construction of a multi-layered clay and synthetic membrane cover. Mr. Keller's responsibilities included preparation of contract documents for competitive bidding and construction, as well as providing construction management support.
- Project Engineer for review of contract documents prepared by third party for replacement of twenty-eight underground fuel and heating oil storage tanks located in a mid-town Manhattan building. The project included a review of the documents for compliance with underground storage tank (UST) regulations and for completeness as comprehensive contract documents.
- Project Engineer for RCRA closure of two surface impoundments which contained liquid hydrocarbons, acids and metals. The project included excavation and disposal of "hot-spot" contamination, demolition of concrete structures, and construction of multi-layered synthetic covers. Mr. Keller's responsibilities included preparation of contract documents for competitive bidding and construction management support.
- Project Engineer for design of bulk-chemical and hazardous waste storage areas for an industrial manufacturing facility. Project included installation of chemical storage tanks with secondary containment, construction of overhead pipe rack with double containment piping system and construction of a chemical unloading area with secondary containment.
- Design Engineer for 64,000 feet of 12-inch through 42-inch diameter water transmission main for a public water purveyor in central New Jersey. Project consisted of determining pipe diameters to maintain minimal headlosses, complete horizontal and vertical alignment design, consideration for cathodic protection, determination of thrust restraint lengths and coordination with all effected utilities and local and state regulatory agencies.
- Design Engineer for the rehabilitation of major structures at a potable water reservoir serving Newark, New Jersey. Project consisted of preparation of contract documents for replacement of sluice gates, travelling water screens, and 48-inch diameter gate valves as well as the rehabilitation of a 60-inch diameter concrete conduit.

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